

Weather Briefing for Feb 9th-10th Coastal Storm

Prepared 430 PM EST –
Monday Feb 8, 2010

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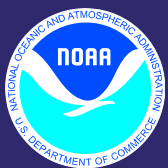


Purpose of briefing



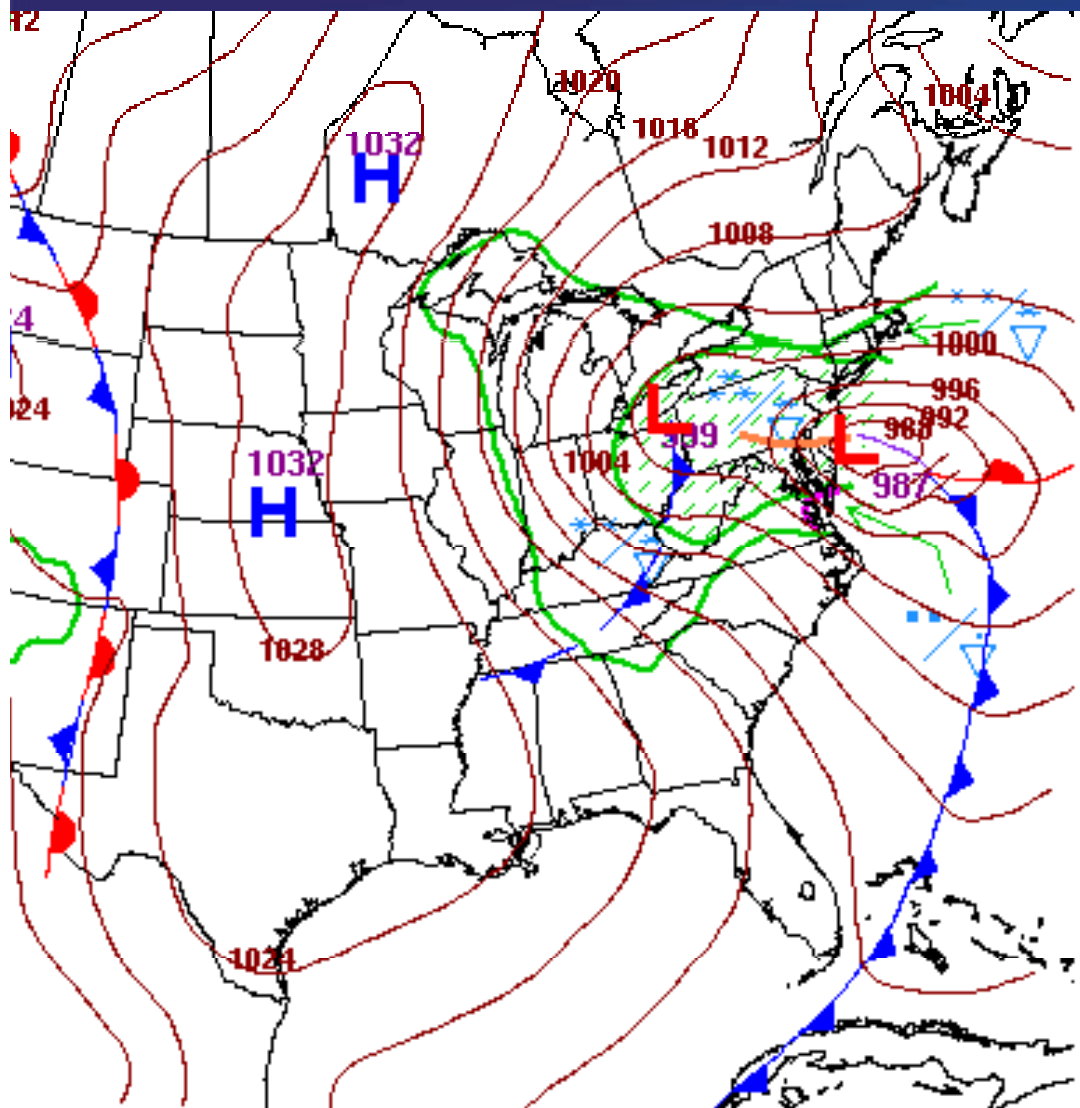
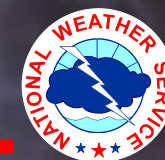
- Briefing #2 for event
- Promote situational awareness for emergency management community & partners
- Provide guidance for planning efforts
- Briefing applies to Mount Holly service area – shaded in green on map



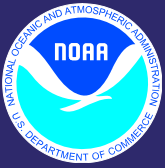


Upcoming coastal storm

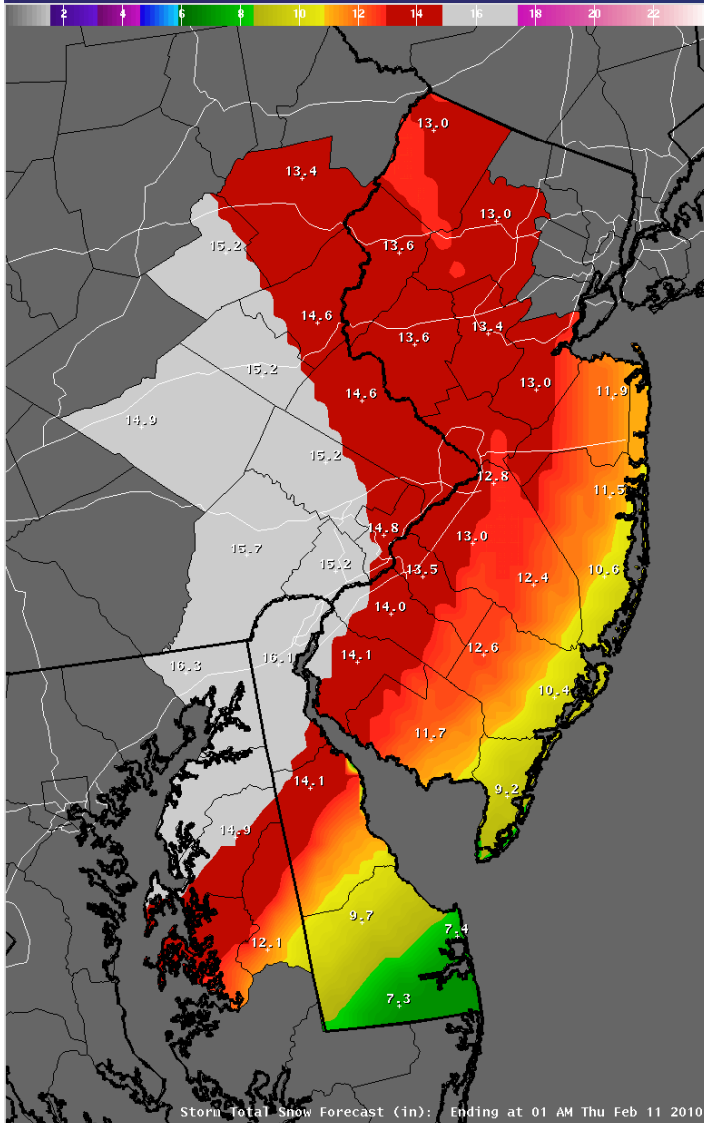
Tue night / Wed



- Forecast weather map for 700 AM Wednesday Feb 10th; major coastal storm expected just off the DE/NJ coast



Snowfall

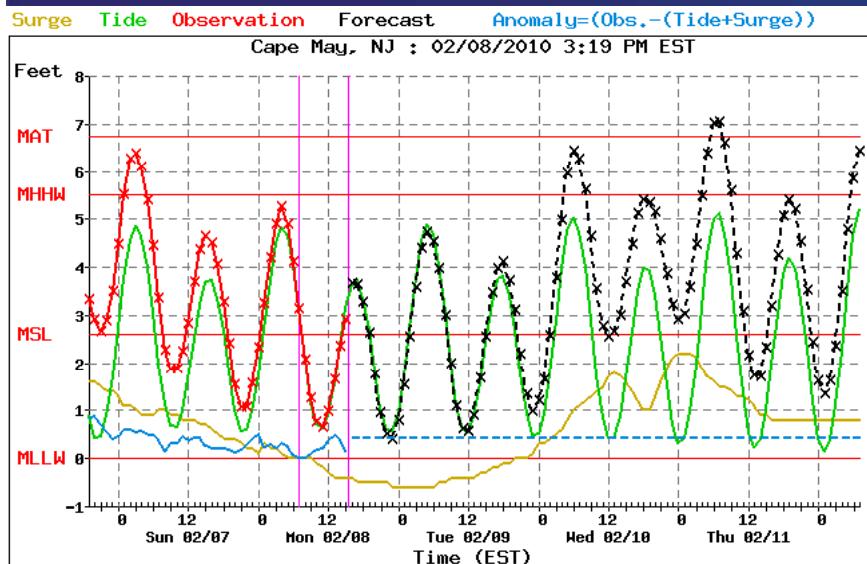
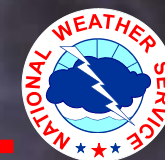


NOAA / National Weather Service

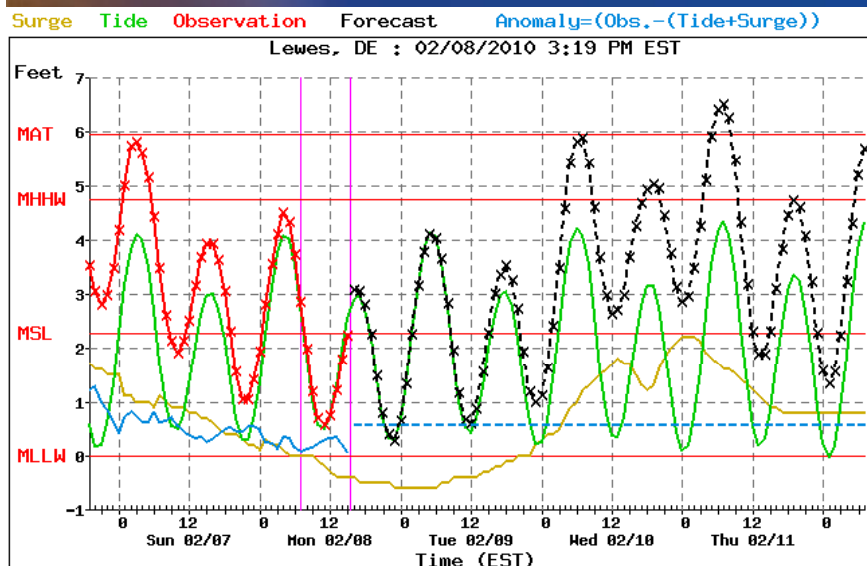
- Snowfall is main precipitation threat
- Snowfall amounts of 15+ inches possible where heavy snow band sets up
- Map shows event snowfall totals
 - Forecast issued at 330 PM Mon Feb 8 2010
- Best timing for heavy snowfall is Tuesday night and Wednesday
- Remember that final storm track & intensity will determine precipitation type & amounts.



Coastal flooding

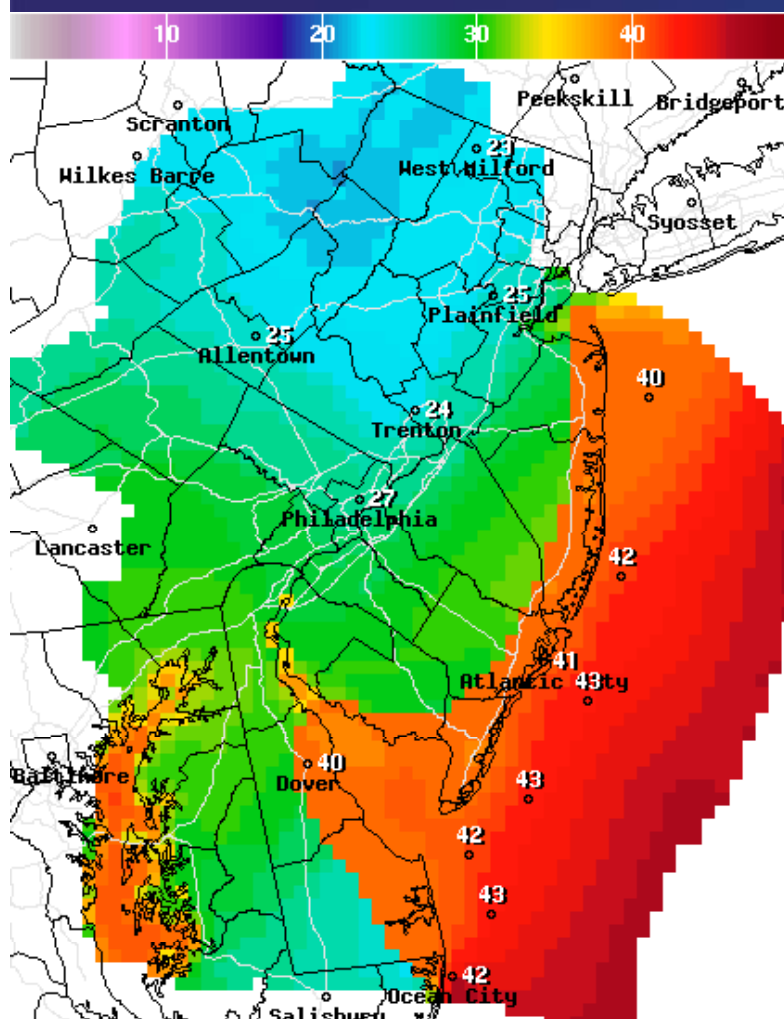


- Potential for minor coastal flooding along Atlantic coastline of NJ & DE
- Tides to watch will be high tides on both Wednesday morning Feb 10th and Thursday morning Feb 11th
- Remember that final storm track & intensity will determine coastal flooding impact





Strong winds



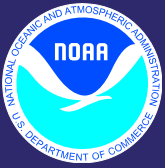
Wind Gust(kts) For Wed Feb 10 2010 4PM EST
(Wed Feb 10 2010 21Z)

NWS Mount Holly, NJ

Graphic Created Feb 08 4:12PM EST

- Gales likely over the coastal waters
- On land, areas near Atlantic coastal sections of Delaware & southern New Jersey may see wind gusts over 50 miles an hour
- Best timing for strong winds is Wednesday into Wednesday night
- High risk of blowing & drifting snow

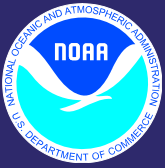




Additional concerns



- **Impact of additional precipitation on structures**
 - *The impact of additional heavy snow and or snow/rain mix will cause additional loading on roofs and may cause structural problems*
- **Impact of mixed precipitation on travel**
 - *Some locations are expected to receive a rain/snow mix.*
 - *Storm drains and culverts are blocked due to the recent heavy snowfall*
 - *There may be significant ponding of water where it cannot drain away*



Situational awareness summary



- Major winter storm expected to start Tuesday night Feb 9th and continue into Wednesday Feb 10th
- Storm has the potential to produce 15+ inches of snow
 - *Event snow totals are available*
 - *Blowing & drifting snow is likely*
- Storm has the potential to produce minor coastal flooding along Atlantic coasts of NJ & DE
 - *High tides to watch are Wed morning Feb 10th and Thu morning Feb 11th*
- Storm has the potential to produce gale force winds over the coastal waters and winds gusts of 50 miles an hour over adjacent coastal land areas.
- Watch for structural issues with additional snowfall; transportation issues due to clogged drains and culverts
- Maintain situational awareness; keep track of the latest weather forecasts at
 - *Weather.gov/phi*